

- 3 EA. Current year model or latest year-end production model Articulated Motorgrader, Dual (one right and one left) Joy stick controlled or armrest mounted finger-tip actuated controls (no levers), meeting the following specifications in accordance with the manufacturer's standard published specifications which must be attached to the bid for award verification.
- Engine: To be a six cylinder, 4 cycle, turbocharged diesel with wet sleeves. Net engine horsepower to be no less than 165 net H.P. in 1st gear. Machine and engine shall be manufactured by the same company.
- Electrical System: To be 24 volt with no less than 80 amps alternator.
- Transmission: To be full powershift transmission providing a minimum of six forward and three reverse speeds.
- Hydraulics To be load sensing closed center system with variable displacement piston pump. Double acting anti-drift check valves or lock valves on blade lift, tilt, circle shift, articulation, leaning wheels and scarifier.
- Moldboard: To be 14 foot with hydraulic side shift and power tilt. To be 24" in height and 7/8" thick. The mold board must have 90° bank slope capability both left & right and have float capability. Also must provide at least 40-degree pitch.
- Scarifier: To be V-type scarifier mid mount with provision for at least 9 teeth with at least 9 teeth and shanks provided.
- Circle: To be at least 60" in diameter with replaceable support shoes.
- Frame: To be articulated main frame with mechanical locking device for transport.
- Steering: To be hydraulic power system providing stopped engine steering. Front wheel lean to be no less than 18° left or right.
- Tires: To be 14:00 x R24 G2 radials.
- Brakes: To be hydraulic dual system with sealed oil disc brakes effective on all 4 tandem wheels. Parking brake to be hydraulically or manually applied and released.

Final Drive: With operator controlled or automatic locking differential.

Other Equipment: Shall be equipped with a dry-type air cleaner with service indicator, blower fan, muffler, accelerator-decelerator, service meter, horn, adjustable control, console, parking brake, rear drawbar, working lights, stop and tail lights, back-up alarm, tool box, tilt steering wheel. Shall be equipped with enclosed pressurizer ROPS cab (low profile), sound suppressed with heater, defroster and air conditioning, windshield washer and wipers, suspension seat, seatbelt, transmission guard, two outside rear view mirrors, locking engine side panels and all other standard equipment.

Weight: Shall be at least 34,000 lbs.

Warranty: Five (5) year or 5,000 hour full machine warranty.

Two sets of parts books, service manuals, technical manuals and operator's manuals with unit.

must have
three (3) sets of keys.